



Form 1449 (Modified)

**Information Disclosure  
Statement By Applicant**

(Use Several Sheets if Necessary)

Atty. Docket No.	IPVMAP01
Application No.:	10/822,218
Applicant	THOMAS et al.
Filing Date	April 12, 2004
Group	<del>268</del> 2618
	Page 1 of 8

**U.S. Patent Documents**

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
QV	1.	320,558	Jun-1885	Hull			
	2.	669,949	Mar.-1901	Underwood			
	3.	1,255,265	Feb.-1918	Zachara			
	4.	2,638,532	May-53	Brady			
	5.	2,904,670	Sept.-59	Calmes			
	6.	3,060,308	October-62	Fortuna			
	7.	3,597,054	August-71	Winter			
	8.	3,710,115	January-73	Jubb			
	9.	4,165,487	August-79	Corderman			
	10.	4,254,451	March-81	Cochran, Jr.			
	11.	4,283,127	August-81	Rosenwinkel et al.			
	12.	4,322,585	March-82	Liautaud			
	13.	4,348,664	Sept.-82	Boschetti et al.			
	14.	4,389,217	June-83	Baughman et al.			
	15.	4,526,473	July-85	Zahn, III			
	16.	4,608,492	August-86	Burnham			
	17.	4,683,587	July-87	Silverman			
	18.	4,751,691	June-88	Perera			
	19.	4,757,714	July-88	Purdy et al.			
	20.	4,773,095	Sept.-88	Zwicker et al.			
	21.	4,822,160	April-89	Tsai			
	22.	4,822,161	April-89	Jimmy			
	23.	4,942,629	July-90	Stadlmann			
	24.	4,985,632	January-91	Bianco et al.			
	25.	5,008,548	April-91	Gat			
	26.	5,020,150	May-91	Shannon			
QV	27.	5,036,311	July-91	Moran et al.			

Examiner /Quochien Vuong/	Date Considered 06/06/2006
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	Group	2681
		Page 2 of 8

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QV	28.	5,093,576	March-92	Edmond et al.			
↓	29.	5,151,600	September-92	Black			
↓	30.	5,161,250	November-92	Ianna et al			
↓	31.	5,172,256	December-92	Sethofer et al.			
↓	32.	5,306,917	April-94	Black et al.			
↓	33.	5,353,378	October-94	Hoffman et al.			
↓	34.	5,359,370	October-94	Mugnier			
↓	35.	5,367,345	November-94	da Silva			
↓	36.	5,379,464	January-95	Schleger et al.			
↓	37.	5,382,986	January-95	Black et al.			
↓	38.	5,394,005	February-95	Brown et al.			
↓	39.	5,452,480	Sep. 1995	Ryden			
↓	40.	5,457,751	Oct. 1995	Such			
↓	41.	5,608,808	March-97	da Silva			
↓	42.	5,500,532	March-96	Kozicki			
↓	43.	5,513,384	April-96	Brennan et al.			
↓	44.	5,533,130	July-96	Staton			
↓	45.	5,581,090	December-96	Goudjil			
↓	46.	5,589,398	December-96	Krause et al.			
↓	47.	5,634,201	May-97	Mooring			
↓	48.	5,737,436	April-98	Boyden et al.			
↓	49.	5,900,720	May-99	Kallman et al.			
↓	50.	5,946,071	August-99	Feldman			
↓	51.	5,966,746	October-99	Reedy et al.			
↓	52.	5,980,037	November-99	Conway			
↓	53.	5,992,996	November-99	Sawyer			
↓	54.	6,013,919	January-00	Schneider et al.			
QV	55.	6,028,627	February-00	Helmsderfer			

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	Group	2681
		Page 3 of 8

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QV	56.	6,046,455	April-00	Ribi et al.			
↓	57.	6,060,321	May-00	Hovorka			
	58.	6,061,580	May-00	Altschul et al.			
	59.	6,091,546	July-00	Spitzer			
	60.	6,154,552	Nov.-00	Koroljow et al.			
	61.	6,236,969 B1	May-01	Ruppert et al.			
	62.	6,292,213 B1	Sept.-01	Jones			
	63.	6,301,367 B1	October-01	Boyden et al.			
	64.	6,307,526 B1	October-01	Mann			
	65.	6,343,858 B1	February-02	Zelman			
	66.	6,349,001 B1	February-02	Spitzer			
	67.	6,349,422 B1	February-02	Schleger et al.			
	68.	6,478,736 B1	Nov.-02	Mault			
	69.	6,506,142 B2	January-03	Itoh et al.			
	70.	6,513,532 B2	February-03	Mault et al.			
	71.	6,517,203 B1	February-03	Blum et al.			
↓	72.	6,539,336 B1	March-03	Vock et al.			
	73.	6,542,081 B2	April-03	Torch			
QV	74.	6,619,799 B1	Sept.-03	Blum et al.			
<del>duplicate</del>	<del>75.</del>	<del>6,720,726 B2</del>	<del>May-04</del>	<del>Miller et al.</del>			
QV	76.	6,764,194 B1	July-04	Cooper			
↓	77.	6,792,401 B1	Sept.-04	Nigro et al.			
	78.	6,929,365 B2	August-05	Swab et al.			
	79.	2001/0005230 A1	June-01	Ishikawa			
↓	80.	2002/0081982 A1	June-02	Schwartz et al.			
	81.	2002/0084990 A1	July-02	Peterson, III			
QV	82.	2002/0089639 A1	July-02	Starnner et al.			

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	Filing Date	April 12, 2004
	Group	2681
		Page 4 of 8

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QV	83.	2002/0090103 A1	July-02	Calisto, Jr.			
↓	84.	2002/0098877 A1	July-02	Glezerman			
↓	85.	2002/0109600 A1	August-02	Mault et al.			
↓	86.	2002/0197961 A1	December-02	Warren			
↓	87.	2003/0022690 A1	January-03	Beyda et al.			
↓	88.	2003/0032449 A1	February-03	Giobbi			
↓	89.	2003/0065257 A1	Apr. 3, 2003	Mault et al.			
↓	90.	2003/0067585 A1	April-03	Miller et al.			
↓	91.	2003/0068057 A1	April-03	Miller et al.			
↓	92.	2003/0226978 A1	December-03	Ribi et al.			
↓	93.	2004/0000733 A1	January-04	Swab et al			
↓	94.	2004/0063378 A1	Apr. 2004	Nelson			
↓	95.	2004/0150986 A1	August-05	Chang			
↓	96.	2004/0156012 A1	August-04	Jannard et al.			
↓	97.	2004/0157649 A1	August-04	Jannard et al.			
↓	98.	2004/0160571 A1	August-04	Jannard			
↓	99.	2004/0160572 A1	August-04	Jannard			
↓	100.	2005/0213026 A1	September-05	Da Pra', Silvio			
QV	101.	DES. 369,167	April-96	Hanson et al.			

Foreign Documents								
							Translation	
Init.	No.	Document No.	Date	Country	Class	Subclass	Yes	No
QV	102.	CN 88203065	Nov.-88	China				
↓	103.	CN 89214222.7	March-90	China				
	104.	EP 1134491 A2	Sept.-01	Europe				
	105.	FR 2530039 A1	January-84	France				
	106.	GB 1467982	March-77	Great Britain				
QV	107.	JP 02-181722	July-90	Japan				

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	Group	2681
		Page 5 of 8

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							Translation	
Init.	No.	Document No.	Date	Country	Class	Subclass	Yes	No
QV	108.	JP 09-017204	January-97	Japan	_____	_____		
↓	109.	JP 10-161072	June-98	Japan	_____	_____		
	110.	JP 2000-039595	February-00	Japan	_____	_____		
	111.	CN 90208199.3	Nov.-90	China	_____	_____		
	112.	TW 484711	June-01	Taiwan	_____	_____		
	113.	WO 1997/12205 A1	April-97	PCT	_____	_____		
	114.	WO 2002/06881 A2	Jan.-02	PCT	_____	_____		
	115.	WO 2003/100368 A1	Dec.-03	PCT	_____	_____		
↓	116.	WO 2003/069394 A1	August-03	PCT	_____	_____		
	117.	WO 2004/025554 A1	March-04	PCT	_____	_____		
QV	118.	WO 2004/012477 A2	Feb.-04	PCT	_____	_____		

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	Group	2681
		Page 6 of 8

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QV	A	"±1.5g Dual Axis Micromachined Accelerometer", Freescale Semiconductor, Inc., Motorola Semiconductor Technical Data, MMA6260Q, 2004, pp. 1-7.
	B	"APA Announces Shipment of the SunUV™ Personal UV Monitor", Press Release, November 7, 2003, pp. 1-3.
	C	"Camera Specs Take Candid Snaps", BBC News, 18 September 2003, pp. 1-3.
	D	"Cardo Wireless Attaching Clips and Wearing Headset", Cardo Systems, Inc., <a href="http://www.cardowireless.com/clips.php">http://www.cardowireless.com/clips.php</a> , downloaded November 27, 2004, pp. 1-3.
	E	"Environmental Health Criteria 14: Ultraviolet Radiation", International Programme on Chemical Safety, World Health Organization Geneva, 1979 <a href="http://www.ichem.org">http://www.ichem.org</a> , pp.1-102.
	F	"Eyetop", Product-Features", eyetop eyewear, eyetop belt worn, <a href="http://www.eyetop.net/products/eyetop/features.asp">http://www.eyetop.net/products/eyetop/features.asp</a> , downloaded November 6, 2003, pp. 1-2.
	G	"Exclusive Media Event Marks Debut of OAKLEY THUMP: World's First Digital Audio Eyewear", Oakley Investor Relations, Press Release, November 15, 2004, pp.1-2.
	H	"Heart Rate Monitors", <a href="http://www.healthgoods.com">http://www.healthgoods.com</a> , downloaded December 4, 2004.
	I	"How is the UV Index Calculated", SunWise Program, U.S. Environmental Protection Agency, <a href="http://www.epa.gov/sunwise/uvcalc.html">http://www.epa.gov/sunwise/uvcalc.html</a> , downloaded October 14, 2004, pp. 1-2.
	J	"Industrial UV Measurements", APA Optics, Inc., <a href="http://www.apaoptics.com/uv/">http://www.apaoptics.com/uv/</a> , downloaded July 12, 2004, p.1.
	K	"Motorola and Oakley Introduce First Bluetooth Sunglasses-Cutting Edge RAZRWire Line Offers Consumers On-The-Go Connections", Motorola Mediacenter-Press Release, February 14, 2005, pp. 1-2.
	L	"Oakley Thump: Sunglasses Meet MP3 Player", with image, <a href="http://news.designtechnica.com/article4665.html">http://news.designtechnica.com/article4665.html</a> , July 13, 2004.
	M	"Personal UV monitor," Optics.org, <a href="http://optics.org/articles/news/6/6/7/1">http://optics.org/articles/news/6/6/7/1</a> (downloaded 12/20/03), June 9, 2000, pp. 1-2.
	N	"SafeSun Personal Ultraviolet Light Meter", <a href="http://healthchecksyste.ms.com/safesun.htm">http://healthchecksyste.ms.com/safesun.htm</a> , downloaded July 12, 2004, pp. 1-4.
	O	"SafeSun Personal UV Meter", Introduction, Optix Tech Inc., <a href="http://www.safesun.com">http://www.safesun.com</a> , downloaded February 5, 2004, pp. 1-2.
	P	"SafeSun Personal UV Meter, features, Optix Tech Inc., <a href="http://www.safesun.com/features.html">http://www.safesun.com/features.html</a> , downloaded May 1, 2004, pp. 1-2.
↓	Q	"Sharper Image - The FM Pedometer", e-Corporate Gifts.com, <a href="http://www.e-corporategifts.com/sr353.html">http://www.e-corporategifts.com/sr353.html</a> , downloaded January 22, 2005, pp. 1-2.
QV	R	"Sun UV™ Personal UV Monitor", APA Optics, Inc., <a href="http://www.apaoptics.com/sunuv/uvfacts.html">http://www.apaoptics.com/sunuv/uvfacts.html</a> , downloaded December 20, 2003, pp.1-3.

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	Group	2681
		Page 7 of 8

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QV	S	"Ultraviolet Light and Sunglasses", Oberon's Frequently Asked Questions, <a href="http://www.oberoncompany.com/OBEnglish/FAQUV.html">http://www.oberoncompany.com/OBEnglish/FAQUV.html</a> , downloaded February 5, 2004, pp. 1-2.
	T	"Ultraviolet Light Sensor", Barrett & Associates Engineering, <a href="http://www.barrettengineering.com/project_uvs.htm">http://www.barrettengineering.com/project_uvs.htm</a> , downloaded February 5, 2004, pp. 1-3.
	U	"Ultraviolet Radiation (UVR)", Forum North, Ontario Ministry of Labour, <a href="http://www3.mb.sympatico.ca/~ericc/ULTRAVIOLET%20RADIATION.htm">http://www3.mb.sympatico.ca/~ericc/ULTRAVIOLET%20RADIATION.htm</a> , downloaded February 5, 2004, pp. 1-6.
	V	"What Are Gripples?", Gripping Eyewear, Inc., <a href="http://www.grippingeyewear.com/whatare.html">http://www.grippingeyewear.com/whatare.html</a> , downloaded November 2, 2005.
	W	Abrisa Product Information: Cold Mirrors, Abrisa, date unknown, p. 1.
	X	Abrisa Product Information: Commercial Hot Mirror, Abrisa, date unknown, p. 1.
	Y	Alps Spectable, Air Conduction Glass, Bone Conduction Glass, <a href="http://www.alps-inter.com/spec.htm">http://www.alps-inter.com/spec.htm</a> , downloaded December 10, 2003, pp. 1-2.
	Z	Altimeter and Compass Watches, <a href="http://store.yahoo.com/snowshack/altimeter-watches.html">http://store.yahoo.com/snowshack/altimeter-watches.html</a> , downloaded 5/3/04, pp. 1-2.
	AA	Bone Conduction Headgear HG16 Series, "Voiceducer," <a href="http://www.temco-j.co.jp/html/English/HG16.html">http://www.temco-j.co.jp/html/English/HG16.html</a> , downloaded December 10, 2003, pp. 1-3.
	AB	Carnoy, David, "The Ultimate MP3 Player for Athletes? Could be.", CNET Reviews, May 14, 2004, pp. 1-4.
	AC	Clifford, Michelle A., "Accelerometers Jump into the Consumer Goods Market", Sensors Online, <a href="http://www.sensorsmag.com">http://www.sensorsmag.com</a> , August 2004.
	AD	Cool Last Minute Gift Ideas!, UltimateFatBurner Reviews and Articles, <a href="http://www.ultimatefatburner.com/gift-ideas.html">http://www.ultimatefatburner.com/gift-ideas.html</a> , downloaded May 10, 2005, pp. 1-3.
	AE	Comfees.com, Adjustable Sports Band Style No. 1243, <a href="http://shop.store.yahoo.com/comfees/adsporbansty.html">http://shop.store.yahoo.com/comfees/adsporbansty.html</a> , downloaded April 18, 2003, pp. 1-2.
	AF	Dixen, Brian, "ear-catching", Supertesten, Mobil, date unknown, pp. 37-41.
	AG	Global Solar UV Index, A Practical Guide, World Health Organization, 2002, pages 1-28.
	AH	Grobart, Sam, "Digit-Sizing Your Computer Data", News Article, September, 2004, p. 1.
	AI	Life Monitor V1.1, Rhusoft Technologies Inc., <a href="http://www.rhusoft.com/lifemonitor/">http://www.rhusoft.com/lifemonitor/</a> , March 1, 2003, pp. 1-6.
	AJ	Manes, Stephen, "Xtreme Cam", Forbes Magazine, September 5, 2005, pg. 96.
	AK	Mio, PhysiCal, <a href="http://www.gophysical.com/">http://www.gophysical.com/</a> , downloaded January 27, 2004, 5 pages.
	AL	NIWA, "UV Index Information", <a href="http://www.niwa.cri.nz/services/uvozone/uvi-info">http://www.niwa.cri.nz/services/uvozone/uvi-info</a> , downloaded July, 15, 2004, pp. 1-2.
↓	AM	Pärkkä, Juha, et al., "A Wireless Wellness Monitor for Personal Weight Management", VTT Information Technology, Tampere, Finland, date unknown, p.1.
QV	AN	Pedometer, Model HJ-112, Omron Instruction Manual, Omron Healthcare, Inc., 2003, pp. 1-27.

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	AP	PNY Technologies, "Executive Attaché" <a href="http://www.pny.com/products/flash/execattache.asp">http://www.pny.com/products/flash/execattache.asp</a> downloaded November 16, 2005.
	AQ	Polar WM41 and 42 weight management monitor, <a href="http://www.simplysports/polar/weight_management/wm41-42.htm">http://www.simplysports/polar/weight_management/wm41-42.htm</a> , downloaded January 28, 2004, pp. 1-3.
	AR	Questions Answers, Pedometer.com, <a href="http://www.pedometer.com">http://www.pedometer.com</a> , downloaded May 5, 2005.
	AS	RazrWire, Motorola, 2005, 1 page.
	AT	SafeSun Personal UV Meter, Scientific Data, Optix Tech Inc., <a href="http://www.safesun.com/scientific.html">http://www.safesun.com/scientific.html</a> , downloaded May 1, 2003, pp. 1-3.
	AU	SafeSun Sensor, User's Manual, Optix Tech Inc., date unknown.
	AV	SafeSun, Personal UV Meter, "Technical Specifications", Optix Tech Inc., <a href="http://www.safesun.com/technical.html">http://www.safesun.com/technical.html</a> , downloaded July 12, 2004, pp. 1-2.
	AW	SafeSun, Personal UV Meter, Experiments, Optix Tech Inc., <a href="http://www.safesun.com/experiments.html">http://www.safesun.com/experiments.html</a> , downloaded February 5, 2004, pp. 1-2.
	AX	Shades of Fun, Blinking Light Glasses, <a href="http://www.shadesoffun.com/Nov/Novpgs-14.html">http://www.shadesoffun.com/Nov/Novpgs-14.html</a> , downloaded July 9, 2005, pp. 1-4.
	AY	SportLine Fitness Pedometer-Model 360, UltimateFatBurner Superstore, <a href="http://www.ultimatefatburner-store.com/ac_004.html">http://www.ultimatefatburner-store.com/ac_004.html</a> , downloaded May 10, 2005, pp. 1-2.
	AZ	Steele, Bonnie G. et al., "Bodies in motion: Monitoring daily activity and exercise with motion sensors in people with chronic pulmonary disease", VA Research & Development, Journal of Rehabilitation Research & Development, Vol. 40, No. 5, September/October 2003, Supplement 2, pages 45-58.
	BA	Stevens, Kathy, "Should I Use a Pedometer When I Walk?", Healtheon/WebMD, April 14, 2000.
	BB	Sundgot, Jørgen "2nd-gen Motorola Bluetooth headset", InfoSync World, March 1, 2003, <a href="http://www.infosync.no/news/2002/n/2841.html">http://www.infosync.no/news/2002/n/2841.html</a> , pp. 1-2.
	BC	SunSensors, Segan Industries, Inc., <a href="http://www.segan-ind.com/sunsensor.htm">http://www.segan-ind.com/sunsensor.htm</a> , downloaded February 5, 2004, pp. 1-3.
	BD	SunUV™, Personal UV Monitor, APA Optics, Inc., <a href="http://www.apaoptics.com/sunuv/models.html">http://www.apaoptics.com/sunuv/models.html</a> , downloaded December 20, 2003.
	BE	SunUV™, Personal UV Monitor User's Guide, APA Optics, Inc., 2003 pp. 1-52.
	BF	Talking Pedometer, Sportline, Inc., date unknown
	BG	Top Silicon PIN Photodiode, PD93-21C, Technical Data Sheet, Everlight Electronics Co., Ltd., 2004, pp 1-9.
	BH	UV Light Meter, UVA and UVB measurement, UV-340, Instruction Manual, Lutron, date unknown, pp. 1-5.
	BI	UV-Smart, UVA/B Monitor, Model EC-960-PW, Instruction Manual, Tanita Corporation of America, Inc., downloaded November 16, 2001.
QV	BJ	Vitaminder Personal Carb Counter with Convenient Key Chain, date unknown, pp. 1-4.

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